

# UNITED STATES COURT OF APPEALS FOR THE SECOND CIRCUIT

N.Y.S.D. Case #  
05-cv-8136(DC)

At a Stated Term of the United States Court of Appeals for the Second Circuit, held at the Thurgood Marshall United States Courthouse, 40 Foley Square, in the City of New York, on the 16th day of October, two thousand and fifteen.

Before:      Pierre N. Leval,  
                   José A. Cabranes,  
                   Barrington D. Parker,  
                   *Circuit Judges.*

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The Authors Guild, Betty Miles, Jim Bouton, Joseph Goulden, individually and on behalf of all others similarly situated,

Plaintiffs - Appellants,

Herbert Mitgang, Daniel Hoffman, individually and on behalf of all others similarly situated, Paul Dickson, The McGraw-Hill Companies, Inc., Pearson Education, Inc., Simon & Schuster, Inc., Association of American Publishers, Inc., Canadian Standard Association, John Wiley & Sons, Inc., individually and on behalf of all others similarly situated,

Plaintiffs,

v.

Google, Inc.,

Defendant - Appellee.

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The appeal in the above captioned case from a judgment of the United States District Court for the Southern District of New York was argued on the district court's record and the parties' briefs. Upon consideration thereof,

IT IS HEREBY ORDERED, ADJUDGED and DECREED that the judgment of the district court is AFFIRMED.

For the Court:

A True Copy

Catherine O'Hagan Wolfe, Clerk

United States Court of Appeals, Second Circuit

*Catherine O'Hagan Wolfe*



Catherine O'Hagan Wolfe,  
 Clerk of Court

*Catherine O'Hagan Wolfe*



**MANDATE ISSUED ON 11/17/2015**

**JUDGMENT**  
 Docket No. 13-4829

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**13-4829-cv**  
**Authors Guild v. Google, Inc.**

**UNITED STATES COURT OF APPEALS  
FOR THE SECOND CIRCUIT**

August Term, 2014

(Argued: December 3, 2014

Decided: October 16, 2015)

Docket No. 13-4829-cv

THE AUTHORS GUILD, BETTY MILES,  
JIM BOUTON, JOSEPH GOULDEN,  
individually and on behalf of all others  
similarly situated,  
*Plaintiff-Appellants,*

HERBERT MITGANG, DANIEL  
HOFFMAN, individually and on behalf of  
all others similarly situated, PAUL  
DICKSON, THE MCGRAW-HILL  
COMPANIES, INC., PEARSON  
EDUCATION, INC., SIMON &  
SCHUSTER, INC., ASSOCIATION OF  
AMERICAN PUBLISHERS, INC.,  
CANADIAN STANDARD  
ASSOCIATION, JOHN WILEY & SONS,  
INC., individually and on behalf of all  
others similarly situated,

*Plaintiffs.*

V

GOOGLE, INC.,  
*Defendant-Appellee.*

Before: LEVAL, CABRANES, PARKER. *Circuit Judges*.

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1 Plaintiff-appellants, who are authors of published books under copyright, appeal from the  
2 judgment of the United States District Court for the Southern District of New York (Chin, J.) in  
3 favor of Defendant Google, Inc. Plaintiffs sued Google, alleging that its Library Project and  
4 Google Books project infringe Plaintiffs' copyrights. Through these projects, Google makes and  
5 retains digital copies of books submitted to it by major libraries, allows the libraries that  
6 submitted a book to download and retain a digital copy, and allows the public to search the texts  
7 of the digitally copied books and see displays of snippets of text. The district court granted  
8 summary judgment based on its conclusion that Google's copying is fair use under 17 U.S.C. §  
9 107 and is therefore not infringing. The Court of Appeals concludes that the defendant's copying  
10 is transformative within the meaning of *Campbell v. Acuff-Rose Music, Inc.*, 510 U.S. 569,  
11 578-585 (1994), does not offer the public a meaningful substitute for matter protected by the  
12 plaintiffs' copyrights, and satisfies § 107's test for fair use. AFFIRMED.  
13

14 For Plaintiff-Appellants: PAUL M. SMITH, JENNER & BLOCK LLP, WASHINGTON,  
15 DC (Edward H. Rosenthal, Jeremy S. Goldman, Anna  
16 Kadyshevich, Andrew D. Jacobs, Frankfurt Kurnit Klein & Selz  
17 PC, New York, NY *on the brief*)  
18

19 For Defendant-Appellee: SETH P. WAXMAN, WILMER CUTLER PICKERING HALE  
20 AND DORR LLP, WASHINGTON, D.C. (Louis R. Cohen, Daniel  
21 P. Kearney, Jr., Weili J. Shaw, Wilmer Cutler Pickering Hale and  
22 Dorr LLP, Washington D.C & Daralyn J. Durie, Joseph C. Gratz,  
23 Durie Tangri LLP, San Francisco, CA *on the brief*)  
24

25 Leval, *Circuit Judge*:

26  
27 This copyright dispute tests the boundaries of fair use. Plaintiffs, who are authors of  
28 published books under copyright, sued Google, Inc. ("Google") for copyright infringement in the  
29 United States District Court for the Southern District of New York (Chin, J.). They appeal from  
30 the grant of summary judgment in Google's favor. Through its Library Project and its Google  
31 Books project, acting without permission of rights holders, Google has made digital copies of  
32 tens of millions of books, including Plaintiffs', that were submitted to it for that purpose by  
33 major libraries. Google has scanned the digital copies and established a publicly available search  
34 function. An Internet user can use this function to search without charge to determine whether

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1 the book contains a specified word or term and also see “snippets” of text containing the  
2 searched-for terms. In addition, Google has allowed the participating libraries to download and  
3 retain digital copies of the books they submit, under agreements which commit the libraries not  
4 to use their digital copies in violation of the copyright laws. These activities of Google are  
5 alleged to constitute infringement of Plaintiffs’ copyrights. Plaintiffs sought injunctive and  
6 declaratory relief as well as damages.

7 Google defended on the ground that its actions constitute “fair use,” which, under 17  
8 U.S.C. § 107, is “not an infringement.” The district court agreed. *Authors Guild, Inc. v. Google*  
9 *Inc.*, 954 F. Supp. 2d 282, 294 (S.D.N.Y. 2013). Plaintiffs brought this appeal.

10 Plaintiffs contend the district court’s ruling was flawed in several respects. They argue:  
11 (1) Google’s digital copying of entire books, allowing users through the snippet function to read  
12 portions, is not a “transformative use” within the meaning of *Campbell v. Acuff-Rose Music, Inc.*,  
13 510 U.S. 569, 578-585 (1994), and provides a substitute for Plaintiffs’ works; (2) notwithstanding  
14 that Google provides public access to the search and snippet functions without charge and  
15 without advertising, its ultimate commercial profit motivation and its derivation of revenue from  
16 its dominance of the world-wide Internet search market to which the books project contributes,  
17 preclude a finding of fair use; (3) even if Google’s copying and revelations of text do not  
18 infringe plaintiffs’ *books*, they infringe Plaintiffs’ *derivative rights* in search functions, depriving  
19 Plaintiffs of revenues or other benefits they would gain from licensed search markets; (4)  
20 Google’s storage of digital copies exposes Plaintiffs to the risk that hackers will make their  
21 books freely (or cheaply) available on the Internet, destroying the value of their copyrights; and

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1       (5) Google's distribution of digital copies to participant libraries is not a transformative use, and  
2       it subjects Plaintiffs to the risk of loss of copyright revenues through access allowed by libraries.  
3       We reject these arguments and conclude that the district court correctly sustained Google's fair  
4       use defense.

5                  Google's making of a digital copy to provide a search function is a transformative use,  
6       which augments public knowledge by making available information *about* Plaintiffs' books  
7       without providing the public with a substantial substitute for matter protected by the Plaintiffs'  
8       copyright interests in the original works or derivatives of them. The same is true, at least under  
9       present conditions, of Google's provision of the snippet function. Plaintiffs' contention that  
10      Google has usurped their opportunity to access paid and unpaid licensing markets for  
11      substantially the same functions that Google provides fails, in part because the licensing markets  
12      in fact involve very different functions than those that Google provides, and in part because an  
13      author's derivative rights do not include an exclusive right to supply information (of the sort  
14      provided by Google) about her works. Google's profit motivation does not in these  
15      circumstances justify denial of fair use. Google's program does not, at this time and on the  
16      record before us, expose Plaintiffs to an unreasonable risk of loss of copyright value through  
17      incursions of hackers. Finally, Google's provision of digital copies to participating libraries,  
18      authorizing them to make non-infringing uses, is non-infringing, and the mere speculative  
19      possibility that the libraries might allow use of their copies in an infringing manner does not  
20      make Google a contributory infringer. Plaintiffs have failed to show a material issue of fact in  
21      dispute.

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1 We affirm the judgment.

## BACKGROUND

## I. Plaintiffs

The author-plaintiffs are Jim Bouton, author of *Ball Four*; Betty Miles, author of *The Trouble with Thirteen*; and Joseph Goulden, author of *The Superlawyers: The Small and Powerful World of the Great Washington Law Firms*. Each of them has a legal or beneficial ownership in the copyright for his or her book.<sup>1</sup> Their books have been scanned without their permission by Google, which made them available to Internet users for search and snippet view on Google's website.<sup>2</sup>

## **II. Google Books and the Google Library Project**

11 Google's Library Project, which began in 2004, involves bi-lateral agreements between  
12 Google and a number of the world's major research libraries.<sup>3</sup> Under these agreements, the

<sup>1</sup> The Authors Guild, a membership organization of published authors, is also a plaintiff and appellant, seeking injunctive and declaratory relief on behalf of its members. However, in a separate case, this court found that, under the Copyright Act, the Authors Guild lacks standing to sue for copyright infringement on its members' behalf. *Authors Guild, Inc. v. HathiTrust*, 755 F.3d 87, 94 (2d Cir. 2014). As the three individual author-plaintiffs clearly do have standing, their suit and their appeal are properly adjudicated, notwithstanding the Authors Guild's lack of standing. See *Bowsher v. Synar*, 478 U.S. 714, 721 (1986) (finding that where one appellee had standing, the court need not consider the standing of other appellees in order to determine the merits of the appeal).

<sup>2</sup> Google now honors requests to remove books from snippet view. Some Plaintiffs appear to have had books removed from snippet view.

<sup>3</sup> Libraries participating in the Library Project at the time the suit was filed included the University of Michigan, the University of California, Harvard University, Stanford University,

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1 participating libraries select books from their collections to submit to Google for inclusion in the  
2 project. Google makes a digital scan of each book, extracts a machine-readable text, and creates an  
3 index of the machine-readable text of each book. Google retains the original scanned image of  
4 each book, in part so as to improve the accuracy of the machine-readable texts and indices as  
5 image-to-text conversion technologies improve.

6 Since 2004, Google has scanned, rendered machine-readable, and indexed more than 20  
7 million books, including both copyrighted works and works in the public domain. The vast  
8 majority of the books are non-fiction, and most are out of print. All of the digital information  
9 created by Google in the process is stored on servers protected by the same security systems  
10 Google uses to shield its own confidential information.

11 The digital corpus created by the scanning of these millions of books enables the Google  
12 Books search engine. Members of the public who access the Google Books website can enter  
13 search words or terms of their own choice, receiving in response a list of all books in the database  
14 in which those terms appear, as well as the number of times the term appears in each book. A  
15 brief description of each book, entitled “About the Book,” gives some rudimentary additional  
16 information, including a list of the words and terms that appear with most frequency in the book. It  
17 sometimes provides links to buy the book online and identifies libraries where the book can be

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Oxford University, Columbia University, Princeton University, Ghent University, Keio University, the Austrian National Library, and the New York Public Library.

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1 found.<sup>4</sup> The search tool permits a researcher to identify those books, out of millions, that do, as  
2 well as those that do not, use the terms selected by the researcher. Google notes that this  
3 identifying information instantaneously supplied would otherwise not be obtainable in lifetimes of  
4 searching.

5 No advertising is displayed to a user of the search function. Nor does Google receive  
6 payment by reason of the searcher's use of Google's link to purchase the book.

7 The search engine also makes possible new forms of research, known as "text mining"  
8 and "data mining." Google's "ngrams" research tool draws on the Google Library Project corpus  
9 to furnish statistical information to Internet users about the frequency of word and phrase usage  
10 over centuries.<sup>5</sup> This tool permits users to discern fluctuations of interest in a particular subject  
11 over time and space by showing increases and decreases in the frequency of reference and usage  
12 in different periods and different linguistic regions. It also allows researchers to comb over the  
13 tens of millions of books Google has scanned in order to examine "word frequencies, syntactic  
14 patterns, and thematic markers" and to derive information on how nomenclature, linguistic  
15 usage, and literary style have changed over time. *Authors Guild, Inc.*, 954 F. Supp. 2d at 287. The  
16 district court gave as an example "track[ing] the frequency of references to the United States as a

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<sup>4</sup> Appendix A exhibits, as an example, a web page that would be revealed to a searcher who entered the phrase "fair use," showing snippets from ALAN LATMAN, ROBERT A. GORMAN, & JANE C. GINSBURG, COPYRIGHT FOR THE EIGHTIES (1985).

<sup>5</sup> Appendix B exhibits the ngram for the phrase "fair use."

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1 single entity ('the United States is') versus references to the United States in the plural ('the  
2 United States are') and how that usage has changed over time." *Id.*<sup>6</sup>

3 The Google Books search function also allows the user a limited viewing of text. In  
4 addition to telling the number of times the word or term selected by the searcher appears in the  
5 book, the search function will display a maximum of three "snippets" containing it. A snippet is a  
6 horizontal segment comprising ordinarily an eighth of a page. Each page of a conventionally  
7 formatted book<sup>7</sup> in the Google Books database is divided into eight non-overlapping horizontal  
8 segments, each such horizontal segment being a snippet. (Thus, for such a book with 24 lines to a  
9 page, each snippet is comprised of three lines of text.) Each search for a particular word or term  
10 within a book will reveal the same three snippets, regardless of the number of computers from  
11 which the search is launched. Only the first usage of the term on a given page is displayed. Thus,  
12 if the top snippet of a page contains two (or more) words for which the user searches, and Google's

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<sup>6</sup> For discussions and examples of scholarship and journalism powered by searchable digital text repositories, see, e.g., David Bamman & David Smith, *Extracting Two Thousand Years of Latin from a Million Book Library*, J. COMPUTING & CULTURAL HERITAGE 5 (2012), 1-13; Jean-Baptiste Michel et al., *Quantitative Analysis of Culture Using Millions of Digitized Books*, SCIENCE 331 (Jan. 14, 2011), 176-182; Marc Egnal, *Evolution of the Novel in the United States: The Statistical Evidence*, 37 SOC. SCI. HIST. 231 (2013); Catherine Rampell, *The 'New Normal' Is Actually Pretty Old*, N.Y. TIMES ECONOMIX BLOG (Jan. 11, 2011), [http://economix.blogs.nytimes.com/2011/01/11/the-new-normal-is-actually-pretty-old/?\\_r=0](http://economix.blogs.nytimes.com/2011/01/11/the-new-normal-is-actually-pretty-old/?_r=0); and Christopher Forstall et al., *Modeling the Scholars: Detecting Intertextuality through Enhanced Word-Level N-Gram Matching*, DIGITAL SCHOLARSHIP IN THE HUMANITIES (May 15, 2014), <http://dx.doi.org/10.1093/lit/fqu014>.

<sup>7</sup> For unconventionally formatted books, the number of snippets per page may vary so as to approximate the same effect. The pages of a book of unusually tall, narrow format may be divided into more than eight horizontal snippets, while the pages of an unusually wide, short book may be divided into fewer than eight snippets.

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1 program is fixed to reveal that particular snippet in response to a search for either term, the second  
2 search will duplicate the snippet already revealed by the first search, rather than moving to reveal a  
3 different snippet containing the word because the first snippet was already revealed. Google's  
4 program does not allow a searcher to increase the number of snippets revealed by repeated entry of  
5 the same search term or by entering searches from different computers. A searcher can view more  
6 than three snippets of a book by entering additional searches for different terms. However,  
7 Google makes permanently unavailable for snippet view one snippet on each page and one  
8 complete page out of every ten—a process Google calls “blacklisting.”

9           Google also disables snippet view entirely for types of books for which a single snippet is  
10 likely to satisfy the searcher's present need for the book, such as dictionaries, cookbooks, and  
11 books of short poems. Finally, since 2005, Google will exclude any book altogether from snippet  
12 view at the request of the rights holder by the submission of an online form.

13           Under its contracts with the participating libraries, Google allows each library to  
14 download copies—of both the digital image and machine-readable versions—of the books that  
15 library submitted to Google for scanning (but not of books submitted by other libraries). This is  
16 done by giving each participating library access to the Google Return Interface (“GRIN”). The  
17 agreements between Google and the libraries, although not in all respects uniform, require the  
18 libraries to abide by copyright law in utilizing the digital copies they download and to take  
19 precautions to prevent dissemination of their digital copies to the public at large.<sup>8</sup> Through the

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<sup>8</sup> For example, the “Cooperative Agreement” between Google and the University of Michigan (“U of M”) provides, *inter alia*, that:

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1 GRIN facility, participant libraries have downloaded at least 2.7 million digital copies of their own  
2 volumes.

3

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Both Google and U of M agree and intend to perform this Agreement pursuant to copyright law. If at any time, either party becomes aware of copyright infringement under this agreement, that party shall inform the other as quickly as reasonably possible. . . . U of M shall have the right to use the U of M Digital Copy . . . as part of services offered on U of M's website. U of M shall implement technological measures (e.g., through use of the robots.txt protocol) to restrict automated access to any portion of the U of M Digital Copy or the portions of the U of M website on which any portion of the U of M Digital Copy is available. U of M shall also make reasonable efforts (including but not limited to restrictions placed in Terms of Use for the U of M website) to prevent third parties from (a) downloading or otherwise obtaining any portion of the U of M Digital Copy for commercial purposes, (b) redistributing any portions of the U of M Digital Copy, or (c) automated and systematic downloading from its website image files from the U of M Digital Copy. U of M shall restrict access to the U of M Digital Copy to those persons having a need to access such materials and shall also cooperate in good faith with Google to mutually develop methods and systems for ensuring that the substantial portions of the U of M Digital Copy are not downloaded from the services offered on U of M's website or otherwise disseminated to the public at large.

JA 233.

Google's agreement with Stanford appears to be less restrictive on Stanford than its agreements with other libraries. It ostensibly permits Stanford's libraries to "provide access to or copies from the Stanford Digital Copy" to a wide range of users, including individuals authorized to access the Stanford University Network, individuals affiliated with "partner research libraries," and "education, research, government institutions and libraries not affiliated with Stanford," CA 133, and to permit authorized individuals to download or print up to ten percent of Stanford Digital Copy. On the other hand, the agreement requires Stanford to employ its digital copies in conformity with the copyright law. Without evidence to the contrary, which Plaintiffs have not provided, it seems reasonable to construe these potentially conflicting provisions as meaning that Stanford may do the enumerated things ostensibly permitted only to the extent that doing so would be in conformity with the copyright law.

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1           **III. Procedural History**

2           Plaintiffs brought this suit on September 20, 2005, as a putative class action on behalf of  
3           similarly situated, rights-owning authors.<sup>9</sup> After several years of negotiation, the parties reached  
4           a proposed settlement that would have resolved the claims on a class-wide basis. The proposed  
5           settlement allowed Google to make substantially more extensive use of its scans of copyrighted  
6           books than contemplated under the present judgment, and provided that Google would make  
7           payments to the rights holders in return. On March 22, 2011, however, the district court rejected  
8           the proposed settlement as unfair to the class members who relied on the named plaintiffs to  
9           represent their interests. *Authors Guild v. Google Inc.*, 770 F. Supp. 2d 666, 679-680 (S.D.N.Y.  
10           2011).

11           On October 14, 2011, Plaintiffs filed a fourth amended class action complaint, which is  
12           the operative complaint for this appeal. *See* Dist. Ct. Docket No. 985. The district court certified  
13           a class on May 31, 2012. *Authors Guild v. Google Inc.*, 282 F.R.D. 384 (S.D.N.Y. 2012). Google  
14           appealed from the certification, and moved in the district court for summary judgment on its fair  
15           use defense. Plaintiffs cross-moved in the district court for summary judgment. On the appeal  
16           from the class certification, our court—questioning whether it was reasonable to infer that the  
17           putative class of authors favored the relief sought by the named plaintiffs—provisionally vacated  
18           that class certification without addressing the merits of the issue, concluding instead that  
19           “resolution of Google’s fair use defense in the first instance will necessarily inform and perhaps

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<sup>9</sup> A year earlier, authors brought suit against the HathiTrust Digital Library, alleging facts that are closely related, although not identical, to those alleged in the instant case. *Authors Guild, Inc. v. HathiTrust*, 755 F.3d 87, 91 (2d Cir. 2014).

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1 moot our analysis of many class certification issues.” *Authors Guild, Inc. v. Google Inc.*, 721  
2 F.3d 132, 134 (2d Cir. 2013).

3 On November 14, 2013, the district court granted Google’s motion for summary  
4 judgment, concluding that the uses made by Google of copyrighted books were fair uses,  
5 protected by § 107. *Authors Guild*, 954 F. Supp. 2d at 284. Upon consideration of the four  
6 statutory factors of § 107, the district court found that Google’s uses were transformative, that its  
7 display of copyrighted material was properly limited, and that the Google Books program did not  
8 impermissibly serve as a market substitute for the original works. *Id.* at 290. The court entered  
9 judgment initially on November 27, 2013, followed by an amended judgment on December 10,  
10 2013, dismissing Plaintiffs’ claims with prejudice. Plaintiffs filed timely notice of appeal.

11 **DISCUSSION<sup>10</sup>**

12 I. The Law of Fair Use

13 The ultimate goal of copyright is to expand public knowledge and understanding, which  
14 copyright seeks to achieve by giving potential creators exclusive control over copying of their  
15 works, thus giving them a financial incentive to create informative, intellectually enriching  
16 works for public consumption. This objective is clearly reflected in the Constitution’s  
17 empowerment of Congress “*To promote the Progress of Science . . .* by securing for limited

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<sup>10</sup> The district court had subject-matter jurisdiction over this federal copyright action pursuant to 28 U.S.C. §§ 1331 and 1338(a). This court has jurisdiction over the appeal from the final decision of the district court pursuant to 28 U.S.C. § 1291. We review an order granting summary judgment *de novo*, drawing all reasonable factual inferences in favor of the non-moving party. *Ment Bros. Iron Works Co., Inc. v. Interstate Fire & Cas. Co.*, 702 F.3d 118, 120–21 (2d Cir. 2012).

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1 Times to Authors . . . the exclusive Right to their respective Writings.” U.S. Const., Art. I, § 8,  
2 cl. 8) (emphasis added).<sup>11</sup> Thus, while authors are undoubtedly important intended beneficiaries  
3 of copyright, the ultimate, primary intended beneficiary is the public, whose access to knowledge  
4 copyright seeks to advance by providing rewards for authorship.

5 For nearly three hundred years, since shortly after the birth of copyright in England in  
6 1710,<sup>12</sup> courts have recognized that, in certain circumstances, giving authors *absolute* control  
7 over all copying from their works would tend in some circumstances to limit, rather than expand,  
8 public knowledge. In the words of Lord Ellenborough, “[W]hile I shall think myself bound to  
9 secure every man in the enjoyment of his copy-right, one must not put manacles upon science.”

10 *Cary v. Kearsley*, 170 Eng. Rep. 679, 681, 4 Esp. 168, 170 (1802). Courts thus developed the  
11 doctrine, eventually named fair use, which permits unauthorized copying in some circumstances,  
12 so as to further “copyright’s very purpose, ‘[t]o promote the Progress of Science and useful  
13 Arts.’” *Campbell v. Acuff-Rose Music, Inc.*, 510 U.S. 569, 575 (1994) (quoting U.S. Const., Art.  
14 I, § 8, cl. 8). Although well established in the common law development of copyright, fair use  
15 was not recognized in the terms of our statute until the adoption of § 107 in the Copyright Act of  
16 1976. 17 U.S.C. §§ 101 *et seq.*

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<sup>11</sup> A similar message is reflected in England’s original copyright enactment, “An Act for the Encouragement of Learning, by Vesting the Copies of Printed Books in the Authors,” which explains as its purpose “the Encouragement of Learned Men to Compose and Write useful Books.” Statute of Anne [1710].

<sup>12</sup> *Id.*

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1       Section 107, in its present form,<sup>13</sup> provides:

2       [T]he fair use of a copyrighted work . . . for purposes such as criticism, comment, news  
3 reporting, teaching (including multiple copies for classroom use), scholarship, or research,  
4 is not an infringement of copyright. In determining whether the use made of a work in any  
5 particular case is a fair use the factors to be considered shall include—

- 6             (1) the purpose and character of the use, including whether such use is of a  
7               commercial nature or is for nonprofit educational purposes;  
8             (2) the nature of the copyrighted work;  
9             (3) the amount and substantiality of the portion used in relation to the copyrighted  
10              work as a whole; and  
11             (4) the effect of the use upon the potential market for or value of the copyrighted  
12              work.

13       The fact that a work is unpublished shall not itself bar a finding of fair use if such  
14       finding is made upon consideration of all the above factors.

15       17 U.S.C. § 107. As the Supreme Court has designated fair use an affirmative defense, *see*

16       *Campbell*, 510 U.S. at 590, the party asserting fair use bears the burden of proof, *Am. Geophysical*  
17       *Union v. Texaco Inc.*, 60 F.3d 913, 918 (2d Cir. 1994).

19       The statute's wording, derived from a brief observation of Justice Joseph Story in *Folsom*  
20       *v. Marsh*,<sup>14</sup> does not furnish standards for recognition of fair use. Its instruction to consider the  
21       “purpose and character” of the secondary use and the “nature” of the copyrighted work does not  
22       explain what types of “purpose and character” or “nature” favor a finding of fair use and which do  
23       not. In fact, as the Supreme Court observed in *Campbell*, the House Report makes clear that, in

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<sup>13</sup> The last sentence was added in 1992, rejecting this court's assertion in *Salinger v. Random House, Inc.* that unpublished works “normally enjoy insulation from fair use copying.” 811 F.2d 90, 95 (2d Cir. 1987). *See* Pub. L. 102-492, Oct. 24, 1992, 106 Stat. 3145.

<sup>14</sup> 9 F. Cas. 342, 348 (C.C.D. Mass. 1841) (“[W]e must often, in deciding questions of this sort, look to the nature and objects of the selections made, the quantity and value of the materials used, and the degree in which the use may prejudice the sale, or diminish the profits, or supersede the objects, of the original work.”).

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1 passing the statute, Congress had no intention of normatively dictating fair use policy. The purpose  
2 of the enactment was to give recognition in the statute itself to such an important part of copyright  
3 law developed by the courts through the common law process. “Congress meant § 107 ‘to restate  
4 the present judicial doctrine of fair use, not to change, narrow, or enlarge it in any way,’ and  
5 intended that courts continue the common-law tradition of fair use adjudication.” *Campbell*, 510  
6 U.S. at 577 (quoting H.R. Rep. No. 94-1476, at 66 (1976), S. Rep. No. 94-473, at 62 (1975), U.S.  
7 Code Cong. & Admin. News 5659, 5679 (1976)). Furthermore, notwithstanding fair use’s long  
8 common-law history, not until the *Campbell* ruling in 1994 did courts undertake to explain the  
9 standards for finding fair use.

10         The *Campbell* Court undertook a comprehensive analysis of fair use’s requirements,  
11 discussing every segment of § 107. Beginning with the examples of purposes set forth in the  
12 statute’s preamble, the Court made clear that they are “illustrative and not limitative” and “provide  
13 only general guidance about the sorts of copying that courts and Congress most commonly ha[ve]  
14 found to be fair uses.” 510 U.S. at 577-578 (internal quotations and citations omitted). The statute  
15 “calls for case-by-case analysis” and “is not to be simplified with bright-line rules.” *Id.* at 577.  
16 Section 107’s four factors are not to “be treated in isolation, one from another. All are to be  
17 explored, and the results weighed together, in light of the purposes of copyright.” *Id.* at 578. Each  
18 factor thus stands as part of a multifaceted assessment of the crucial question: how to define the  
19 boundary limit of the original author’s exclusive rights in order to best serve the overall objectives  
20 of the copyright law to expand public learning while protecting the incentives of authors to create  
21 for the public good.

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At the same time, the Supreme Court has made clear that some of the statute's four listed factors are more significant than others. The Court observed in *Harper & Row Publishers, Inc. v. Nation Enterprises* that the fourth factor, which assesses the harm the secondary use can cause to the market for, or the value of, the copyright for the original, "is undoubtedly the single most important element of fair use." 471 U.S. 539, 566 (1985) (citing MELVILLE B. NIMMER, 3 NIMMER ON COPYRIGHT § 13.05[A], at 13–76 (1984)). This is consistent with the fact that the copyright is a commercial right, intended to protect the ability of authors to profit from the exclusive right to merchandise their own work.

In *Campbell*, the Court stressed also the importance of the first factor, the “purpose and character of the secondary use.” 17 U.S.C. § 107(1). The more the appropriator is using the copied material for new, transformative purposes, the more it serves copyright’s goal of enriching public knowledge and the less likely it is that the appropriation will serve as a substitute for the original or its plausible derivatives, shrinking the protected market opportunities of the copyrighted work. 510 U.S. at 591 (noting that, when the secondary use is transformative, “market substitution is at least less certain, and market harm may not be so readily inferred.”).

With this background, we proceed to discuss each of the statutory factors, as illuminated by *Campbell* and subsequent case law, in relation to the issues here in dispute.

## II. The Search and Snippet View Functions

19 *A. Factor One*

(1) *Transformative purpose.* Campbell's explanation of the first factor's inquiry into the "purpose and character" of the secondary use focuses on whether the new work, "in Justice Story's

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1 words, . . . merely ‘supersede[s] the objects’ of the original creation, . . . or instead adds something  
2 new, with a further purpose . . . [I]t asks, in other words, whether and to what extent the new work  
3 is ‘transformative.’” 510 U.S. at 578-579 (citations omitted). While recognizing that a  
4 transformative use is “not absolutely necessary for a finding of fair use,” the opinion further  
5 explains that the “goal of copyright, to promote science and the arts, is generally furthered by the  
6 creation of transformative works” and that “[s]uch works thus lie at the heart of the fair use  
7 doctrine’s guarantee of breathing space within the confines of copyright.” *Id.* at 579. In other  
8 words, transformative uses tend to favor a fair use finding because a transformative use is one that  
9 communicates something new and different from the original or expands its utility, thus serving  
10 copyright’s overall objective of contributing to public knowledge.

11       The word “transformative” cannot be taken too literally as a sufficient key to  
12 understanding the elements of fair use. It is rather a suggestive symbol for a complex thought, and  
13 does not mean that any and all changes made to an author’s original text will necessarily support a  
14 finding of fair use. The Supreme Court’s discussion in *Campbell* gave important guidance on  
15 assessing when a transformative use tends to support a conclusion of fair use. The defendant in that  
16 case defended on the ground that its work was a parody of the original and that parody is a  
17 time-honored category of fair use. Explaining why parody makes a stronger, or in any event more  
18 obvious, claim of fair use than satire, the Court stated,

19       [T]he heart of any parodist’s claim to quote from existing material . . . is the use of . . . a  
20 prior author’s composition to . . . *comment[] on that author’s works.* . . . If, on the contrary,  
21 the commentary has no critical bearing on the substance or style of the original  
22 composition, which the alleged infringer merely uses to get attention or to avoid the  
23 drudgery in working up something fresh, the claim to fairness in borrowing from another’s  
24 work diminishes accordingly (if it does not vanish). . . . Parody needs to mimic an original

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1           to make its point, and so has some claim to use the creation of its victim's . . . imagination,  
2           whereas satire can stand on its own two feet and so requires justification for the very act of  
3           borrowing.  
4

5       *Id.* at 580-81 (emphasis added). In other words, the would-be fair user of another's work must have  
6       justification for the taking. A secondary author is not necessarily at liberty to make wholesale  
7       takings of the original author's expression merely because of how well the original author's  
8       expression would convey the secondary author's different message. Among the best recognized  
9       justifications for copying from another's work is to provide comment on it or criticism of it. A  
10      taking from another author's work for the purpose of making points that have no bearing on the  
11      original may well be fair use, but the taker would need to show a justification. This part of the  
12      Supreme Court's discussion is significant in assessing Google's claim of fair use because, as  
13      discussed extensively below, Google's claim of transformative purpose for copying from the  
14      works of others is to provide otherwise unavailable information about the originals.

15           A further complication that can result from oversimplified reliance on whether the copying  
16      involves transformation is that the word "transform" also plays a role in defining "derivative  
17      works," over which the original rights holder retains exclusive control. Section 106 of the Act  
18      specifies the "exclusive right[]" of the copyright owner "(2) to prepare derivative works based  
19      upon the copyrighted work." *See* 17 U.S.C. § 106. The statute defines derivative works largely by  
20      example, rather than explanation. The examples include "translation, musical arrangement,  
21      dramatization, fictionalization, motion picture version, sound recording, art reproduction,  
22      abridgement, condensation," to which list the statute adds "any other form in which a work may

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1   be . . . *transformed.*” 17 U.S.C. § 101 (emphasis added).<sup>15</sup> As we noted in *Authors Guild, Inc. v.*  
 2   *HathiTrust*, “[p]aradigmatic examples of derivative works include the translation of a novel into  
 3   another language, the adaptation of a novel into a movie or play, or the recasting of a novel as an  
 4   e-book or an audiobook.” 755 F.3d 87, 95 (2d Cir. 2014). While such changes can be described as  
 5   transformations, they do not involve the kind of transformative purpose that favors a fair use  
 6   finding. The statutory definition suggests that derivative works generally involve transformations  
 7   in the nature of *changes of form*. 17 U.S.C. § 101. By contrast, copying from an original for the  
 8   purpose of criticism or commentary on the original<sup>16</sup> or provision of information about it,<sup>17</sup>

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<sup>15</sup> The full text of the statutory definition is as follows: “A ‘derivative work’ is a work based upon one or more preexisting works, such as a translation, musical arrangement, dramatization, fictionalization, motion picture version, sound recording, art reproduction, abridgement, condensation, or any other form in which a work may be recast, transformed, or adapted. A work consisting of editorial revisions, annotations, elaborations, or other modifications which, as a whole, represent an original work of authorship, is a ‘derivative work.’” 17 U.S.C. § 101.

<sup>16</sup> See, e.g., *Suntrust Bank v. Houghton Mifflin Co.*, 268 F.3d 1257, 1269-1271 (11th Cir. 2001) (copying from original to support parodic criticism of original’s moral code justified as transformative fair use purpose).

<sup>17</sup> See, e.g., *HathiTrust*, 755 F.3d at 97-98 (justifying as transformative fair use purpose the digital copying of original for purpose of permitting searchers to determine whether its text employs particular words); *A.V. ex rel. Vanderhye v. iParadigms, LLC*, 562 F.3d 630, 638-640 (4th Cir. 2009) (justifying as transformative fair use purpose the complete digital copying of a manuscript to determine whether the original included matter plagiarized from other works); *Perfect 10, Inc. v. Amazon.com, Inc.*, 508 F.3d 1146, 1165 (9th Cir. 2007) (justifying as transformative fair use purpose the use of a digital, thumbnail copy of the original to provide an Internet pathway to the original); *Kelly v. Arriba Soft Corp.*, 336 F.3d 811, 818-819 (9th Cir. 2003) (same); *Bond v. Blum*, 317 F.3d 385 (4th Cir. 2003) (justifying as fair use purpose the copying of author’s original unpublished autobiographical manuscript for the purpose of showing that he murdered his father and was an unfit custodian of his children); *Nuñez v. Caribbean Int’l News Corp.*, 235 F.3d 18, 21-23 (1st Cir. 2000) (justifying as transformative fair

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1 tends most clearly to satisfy *Campbell's* notion of the “transformative” purpose involved in the  
2 analysis of Factor One.<sup>18</sup>

3 With these considerations in mind, we first consider whether Google’s search and snippet  
4 views functions satisfy the first fair use factor with respect to Plaintiffs’ rights in their books.

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use purpose a newspaper’s copying of a photo of winner of beauty pageant in a revealing pose for the purpose of informing the public of the reason the winner’s title was withdrawn).

<sup>18</sup> The Seventh Circuit takes the position that the kind of secondary use that favors satisfaction of the fair use test is better described as a “complementary” use, referring to how a hammer and nail complement one another in that together they achieve results that neither can accomplish on its own. *Ty, Inc. v Publ'ns Int'l, Ltd.*, 292 F.3d 512, 517–518 (7th Cir. 2002); *see also Kienitz v. Scionne Nation LLC*, 766 F.3d 756, 758 (7th Cir. 2014), cert. denied, 135 S. Ct. 1555 (2015); WILLIAM M. LANDES & RICHARD A. POSNER, THE ECONOMIC STRUCTURE OF INTELLECTUAL PROPERTY LAW 153–154 (2003). We do not find the term “complementary” particularly helpful in explaining fair use. The term would encompass changes of form that are generally understood to produce derivative works, rather than fair uses, and, at the same time, would fail to encompass copying for purposes that are generally and properly viewed as creating fair uses. When a novel is converted into film, for example, the original novel and the film ideally complement one another in that each contributes to achieving results that neither can accomplish on its own. The invention of the original author combines with the cinematographic interpretive skills of the filmmaker to produce something that neither could have produced independently. Nonetheless, at least when the intention of the film is to make a “motion picture version” of the novel, 17 U.S.C. § 101, without undertaking to parody it or to comment on it, the film is generally understood to be a derivative work, which under § 106, falls within the exclusive rights of the copyright owner. Although they complement one another, the film is not a fair use. At the same time, when a secondary work quotes an original for the purpose of parodying it, or discrediting it by exposing its inaccuracies, illogic, or dishonesty, such an undertaking is not within the exclusive prerogatives of the rights holder; it produces a fair use. Yet, when the purpose of the second is essentially to destroy the first, the two are not comfortably described as complementaries that combine to produce together something that neither could have produced independently of the other. We recognize, as just noted above, that the word “transformative,” if interpreted too broadly, can also seem to authorize copying that should fall within the scope of an author’s derivative rights. Attempts to find a circumspect shorthand for a complex concept are best understood as suggestive of a general direction, rather than as definitive descriptions.

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1 (The question whether these functions might infringe upon Plaintiffs' derivative rights is  
2 discussed in the next Part.)

3         (2) *Search Function.* We have no difficulty concluding that Google's making of a digital  
4 copy of Plaintiffs' books for the purpose of enabling a search for identification of books containing  
5 a term of interest to the searcher involves a highly transformative purpose, in the sense intended by  
6 *Campbell*. Our court's exemplary discussion in *HathiTrust* informs our ruling. That case involved  
7 a dispute that is closely related, although not identical, to this one. Authors brought claims of  
8 copyright infringement against HathiTrust, an entity formed by libraries participating in the  
9 Google Library Project to pool the digital copies of their books created for them by Google. The  
10 suit challenged various usages HathiTrust made of the digital copies. Among the challenged uses  
11 was HathiTrust's offer to its patrons of "full-text searches," which, very much like the search  
12 offered by Google Books to Internet users, permitted patrons of the libraries to locate in which of  
13 the digitized books specific words or phrases appeared. 755 F.3d at 98. (HathiTrust's search  
14 facility did not include the snippet view function, or any other display of text.) We concluded  
15 that both the making of the digital copies and the use of those copies to offer the search tool were  
16 fair uses. *Id.* at 105.

17         Notwithstanding that the libraries had downloaded and stored complete digital copies of  
18 entire books, we noted that such copying was essential to permit searchers to identify and locate  
19 the books in which words or phrases of interest to them appeared. *Id.* at 97. We concluded "that  
20 the creation of a full-text searchable database is a quintessentially transformative use . . . [as] the  
21 result of a word search is different in purpose, character, expression, meaning, and message from

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1 the page (and the book) from which it is drawn.” *Id.* We cited *A.V. ex rel. Vanderhye v.*  
2 *iParadigms, LLC*, 562 F.3d 630, 639-40 (4th Cir. 2009), *Perfect 10, Inc. v. Amazon.com, Inc.*, 508  
3 F.3d 1146, 1165 (9th Cir. 2007), and *Kelly v. Arriba Soft Corp.*, 336 F.3d 811, 819 (9th Cir. 2003)  
4 as examples of cases in which courts had similarly found the creation of complete digital copies  
5 of copyrighted works to be transformative fair uses when the copies “served a different function  
6 from the original.” *HathiTrust*, 755 F.3d at 97.

7 As with *HathiTrust* (and *iParadigms*), the purpose of Google’s copying of the original  
8 copyrighted books is to make available significant information *about those books*, permitting a  
9 searcher to identify those that contain a word or term of interest, as well as those that do not  
10 include reference to it. In addition, through the ngrams tool, Google allows readers to learn the  
11 frequency of usage of selected words in the aggregate corpus of published books in different  
12 historical periods. We have no doubt that the purpose of this copying is the sort of transformative  
13 purpose described in *Campbell* as strongly favoring satisfaction of the first factor.

14 We recognize that our case differs from *HathiTrust* in two potentially significant  
15 respects. First, *HathiTrust* did not “display to the user any text from the underlying copyrighted  
16 work,” 755 F.3d at 91, whereas Google Books provides the searcher with snippets containing the  
17 word that is the subject of the search. Second, *HathiTrust* was a nonprofit educational entity,  
18 while Google is a profit-motivated commercial corporation. We discuss those differences below.

19 (3) *Snippet View*. Plaintiffs correctly point out that this case is significantly different  
20 from *HathiTrust* in that the Google Books search function allows searchers to read snippets from  
21 the book searched, whereas *HathiTrust* did not allow searchers to view any part of the book.

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1 Snippet view adds important value to the basic transformative search function, which tells only  
2 whether and how often the searched term appears in the book. Merely knowing that a term of  
3 interest appears in a book does not necessarily tell the searcher whether she needs to obtain the  
4 book, because it does not reveal whether the term is discussed in a manner or context falling  
5 within the scope of the searcher's interest. For example, a searcher seeking books that explore  
6 Einstein's theories, who finds that a particular book includes 39 usages of "Einstein," will  
7 nonetheless conclude she can skip that book if the snippets reveal that the book speaks of  
8 "Einstein" because that is the name of the author's cat. In contrast, the snippet will tell the  
9 searcher that this is a book she needs to obtain if the snippet shows that the author is engaging  
10 with Einstein's theories.

11 Google's division of the page into tiny snippets is designed to show the searcher just  
12 enough context surrounding the searched term to help her evaluate whether the book falls within  
13 the scope of her interest (without revealing so much as to threaten the author's copyright  
14 interests). Snippet view thus adds importantly to the highly transformative purpose of identifying  
15 books of interest to the searcher. With respect to the first factor test, it favors a finding of fair use  
16 (unless the value of its transformative purpose is overcome by its providing text in a manner that  
17 offers a competing substitute for Plaintiffs' books, which we discuss under factors three and four  
18 below).

19 (4) *Google's Commercial Motivation.* Plaintiffs also contend that Google's commercial  
20 motivation weighs in their favor under the first factor. Google's commercial motivation  
21 distinguishes this case from *HathiTrust*, as the defendant in that case was a non-profit entity

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1 founded by, and acting as the representative of, libraries. Although Google has no revenues  
2 flowing directly from its operation of the Google Books functions, Plaintiffs stress that Google is  
3 profit-motivated and seeks to use its dominance of book search to fortify its overall dominance  
4 of the Internet search market, and that thereby Google indirectly reaps profits from the Google  
5 Books functions.

6 For these arguments Plaintiffs rely primarily on two sources. First is Congress's  
7 specification in spelling out the first fair use factor in the text of § 107 that consideration of the  
8 "purpose and character of the [secondary] use" should "include[e] whether such use is of a  
9 commercial nature or is for nonprofit educational purposes." Second is the Supreme Court's  
10 assertion in *dictum* in *Sony Corporation of America v. Universal City Studios, Inc.*, that "every  
11 commercial use of copyrighted material is presumptively . . . unfair." 464 U.S. 417, 451 (1984).

12 If that were the extent of precedential authority on the relevance of commercial motivation,  
13 Plaintiffs' arguments would muster impressive support. However, while the commercial  
14 motivation of the secondary use can undoubtedly weigh against a finding of fair use in some  
15 circumstances, the Supreme Court, our court, and others have eventually recognized that the  
16 *Sony* *dictum* was enormously overstated.<sup>19</sup>

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<sup>19</sup> *Campbell*, 510 U.S. at 583–84; *Cariou v. Prince*, 714 F.3d 694, 708 (2d Cir. 2013) cert. denied, 134 S. Ct. 618 (2013); *Castle Rock Entm't, Inc. v. Carol Pub. Grp., Inc.*, 150 F.3d 132, 141-42 (2d Cir. 1998); *Perfect 10, Inc. v. Amazon.com, Inc.*, 508 F.3d 1146, 1165 (9th Cir. 2007); *Kelly v. Arriba Soft Corp.*, 336 F.3d 811, 819 (9th Cir. 2003); see also *Monge v. Maya Magazines, Inc.*, 688 F.3d 1164, 1172 (9th Cir. 2012) (noting that *Campbell* "debunked the notion that *Sony* called for a 'hard evidentiary presumption' that commercial use is presumptively unfair.")

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1       The Sixth Circuit took the *Sony* dictum at its word in *Acuff-Rose Music, Inc. v. Campbell*,  
2 concluding that, because the defendant rap music group's spoof of the plaintiff's ballad was done  
3 for profit, it could not be fair use. 972 F.2d 1429, 1436-1437 (6th Cir. 1992). The Supreme Court  
4 reversed on this very point, observing that "Congress could not have intended" such a broad  
5 presumption against commercial fair uses, as "nearly all of the illustrative uses listed in the  
6 preamble paragraph of § 107 . . . are generally conducted for profit in this country." *Campbell*,  
7 510 U.S. at 584 (internal quotation marks and citations omitted). The Court emphasized  
8 Congress's statement in the House Report to the effect that the commercial or nonprofit character  
9 of a work is "not conclusive" but merely "a fact to be 'weighed along with other[s] in fair use  
10 decisions.'" *Id.* at 585 (quoting H.R. Rep. No. 94-1476, at 66 (1976)). In explaining the first fair  
11 use factor, the Court clarified that "the more transformative the [secondary] work, the less will  
12 be the significance of other factors, like commercialism, that may weigh against a finding of fair  
13 use." *Id.* at 579.

14       Our court has since repeatedly rejected the contention that commercial motivation should  
15 outweigh a convincing transformative purpose and absence of significant substitutive  
16 competition with the original. *See Cariou v. Prince*, 714 F.3d 694, 708 (2d Cir. 2013), *cert.*  
17 *denied*, 134 S. Ct. 618 (2013) ("The commercial/nonprofit dichotomy concerns the unfairness that  
18 arises when a secondary user makes unauthorized use of copyrighted material to capture  
19 significant revenues as a direct consequence of copying the original work. This factor must be  
20 applied with caution because, as the Supreme Court has recognized, Congress could not have  
21 intended a rule that commercial uses are presumptively unfair. Instead, the more transformative

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1 the new work, the less will be the significance of other factors, like commercialism, that may  
2 weigh against a finding of fair use.”) (internal quotation marks, citations, and alterations omitted);  
3 *Castle Rock Entm’t, Inc. v. Carol Pub. Grp., Inc.*, 150 F.3d 132, 141-42 (2d Cir. 1998) (“We . . . do  
4 not give much weight to the fact that the secondary use was for commercial gain. The more critical  
5 inquiry under the first factor and in fair use analysis generally is whether the allegedly infringing  
6 work merely supersedes the original work or instead adds something new, with a further purpose  
7 or different character, altering the first with new meaning or message, in other words whether and  
8 to what extent the new work is transformative.”) (internal quotation marks, citations, and  
9 alterations omitted).

10 While we recognize that in some circumstances, a commercial motivation on the part of  
11 the secondary user will weigh against her, especially, as the Supreme Court suggested, when a  
12 persuasive transformative purpose is lacking, *Campbell*, 510 U.S. at 579, we see no reason in this  
13 case why Google’s overall profit motivation should prevail as a reason for denying fair use over  
14 its highly convincing transformative purpose, together with the absence of significant  
15 substitutive competition, as reasons for granting fair use. Many of the most universally accepted  
16 forms of fair use, such as news reporting and commentary, quotation in historical or analytic  
17 books, reviews of books, and performances, as well as parody, are all normally done  
18 commercially for profit.<sup>20</sup>

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<sup>20</sup> Just as there is no reason for presuming that a commercial use is not a fair use, which would defeat the most widely accepted and logically justified areas of fair use, there is likewise no reason to presume categorically that a nonprofit educational purpose should qualify as a fair use. Authors who write for educational purposes, and publishers who invest substantial funds to

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1           *B. Factor Two*

2         The second fair use factor directs consideration of the “nature of the copyrighted work.” While  
3         the “transformative purpose” inquiry discussed above is conventionally treated as a part of first  
4         factor analysis, it inevitably involves the second factor as well. One cannot assess whether the  
5         copying work has an objective that differs from the original without considering both works, and  
6         their respective objectives.

7         The second factor has rarely played a significant role in the determination of a fair use

8         dispute. *See* WILLIAM F. PATRY, PATRY ON FAIR USE § 4.1 (2015). The Supreme Court in *Harper &*  
9         *Row* made a passing observation in dictum that, “[t]he law generally recognizes a greater need to  
10        disseminate factual works than works of fiction or fantasy.” 471 U.S. 539, 563 (1985). Courts have  
11        sometimes speculated that this might mean that a finding of fair use is more favored when the  
12        copying is of factual works than when copying is from works of fiction. However, while the  
13        copyright does not protect facts or ideas set forth in a work, it does protect that author’s manner of  
14        expressing those facts and ideas. At least unless a persuasive fair use justification is involved,  
15        authors of factual works, like authors of fiction, should be entitled to copyright protection of their  
16        protected expression. The mere fact that the original is a factual work therefore should not imply  
17        that others may freely copy it. Those who report the news undoubtedly create factual works. It

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publish educational materials, would lose the ability to earn revenues if users were permitted to copy the materials freely merely because such copying was in the service of a nonprofit educational mission. The publication of educational materials would be substantially curtailed if such publications could be freely copied for nonprofit educational purposes.

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1 cannot seriously be argued that, for that reason, others may freely copy and re-disseminate news  
2 reports.<sup>21</sup>

3 In considering the second factor in *HathiTrust*, we concluded that it was “not dispositive,”  
4 755 F.3d at 98, commenting that courts have hardly ever found that the second factor in isolation  
5 played a large role in explaining a fair use decision. The same is true here. While each of the three  
6 Plaintiffs’ books in this case is factual, we do not consider that as a boost to Google’s claim of fair  
7 use. If one (or all) of the plaintiff works were fiction, we do not think that would change in any way  
8 our appraisal. Nothing in this case influences us one way or the other with respect to the second  
9 factor considered in isolation. To the extent that the “nature” of the original copyrighted work  
10 necessarily combines with the “purpose and character” of the secondary work to permit  
11 assessment of whether the secondary work uses the original in a “transformative” manner, as the  
12 term is used in *Campbell*, the second factor favors fair use not because Plaintiffs’ works are  
13 factual, but because the secondary use transformatively provides valuable information about the  
14 original, rather than replicating protected expression in a manner that provides a meaningful  
15 substitute for the original.

16

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<sup>21</sup> We think it unlikely that the Supreme Court meant in its concise dictum that secondary authors are at liberty to copy extensively from the protected expression of the original author merely because the material is factual. What the *Harper & Row* dictum may well have meant is that, because in the case of factual writings, there is often occasion to test the accuracy of, to rely on, or to repeat their factual propositions, and such testing and reliance may reasonably require quotation (lest a change of expression unwittingly alter the facts), factual works often present well justified fair uses, even if the mere fact that the work is factual does not necessarily justify copying of its protected expression.

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1           *C. Factor Three*

2           The third statutory factor instructs us to consider “the amount and substantiality of the  
3 portion used in relation to the copyrighted work as a whole.” The clear implication of the third  
4 factor is that a finding of fair use is more likely when small amounts, or less important passages,  
5 are copied than when the copying is extensive, or encompasses the most important parts of the  
6 original.<sup>22</sup> The obvious reason for this lies in the relationship between the third and the fourth  
7 factors. The larger the amount, or the more important the part, of the original that is copied, the  
8 greater the likelihood that the secondary work might serve as an effectively competing substitute  
9 for the original, and might therefore diminish the original rights holder’s sales and profits.

10          (1) *Search Function.* The Google Books program has made a digital copy of the entirety of  
11 each of Plaintiffs’ books. Notwithstanding the reasonable implication of Factor Three that fair use  
12 is more likely to be favored by the copying of smaller, rather than larger, portions of the original,  
13 courts have rejected any categorical rule that a copying of the entirety cannot be a fair use.<sup>23</sup>  
14 Complete unchanged copying has repeatedly been found justified as fair use when the copying was  
15 reasonably appropriate to achieve the copier’s transformative purpose and was done in such a

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<sup>22</sup> See *Harper & Row*, 471 U.S. at 564-565 (rejecting fair use defense for copying of only about 300 words, where the portion copied was deemed “the heart of the book”).

<sup>23</sup> Some copyright scholars have argued this position. See, e.g., Paul Goldstein, *Copyright’s Commons*, 29 COLUM. J.L. & ARTS 1, 5-6 (2005).

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1 manner that it did not offer a competing substitute for the original.<sup>24</sup> The Supreme Court said in  
2 *Campbell* that “the extent of permissible copying varies with the purpose and character of the use”  
3 and characterized the relevant questions as whether “the amount and substantiality of the portion  
4 used . . . are reasonable in relation to the purpose of the copying,” *Campbell*, 510 U.S. at 586-587,  
5 noting that the answer to that question will be affected by “the degree to which the [copying work]  
6 may serve as a market substitute for the original or potentially licensed derivatives,” *id.* at 587-588  
7 (finding that, in the case of a parodic song, “how much . . . is reasonable will depend, say, on the  
8 extent to which the song’s overriding purpose and character is to parody the original or, in contrast,  
9 the likelihood that the parody may serve as a market substitute for the original”).

10 In *HathiTrust*, our court concluded in its discussion of the third factor that “[b]ecause it  
11 was reasonably necessary for the [HathiTrust Digital Library] to make use of the entirety of the  
12 works in order to enable the full-text search function, we do not believe the copying was  
13 excessive.” 755 F.3d at 98. As with *HathiTrust*, not only is the copying of the totality of the  
14 original reasonably appropriate to Google’s transformative purpose, it is literally necessary to  
15 achieve that purpose. If Google copied less than the totality of the originals, its search function  
16 could not advise searchers reliably whether their searched term appears in a book (or how many  
17 times).

18 While Google *makes* an unauthorized digital copy of the entire book, it does not reveal that  
19 digital copy to the public. The copy is made to enable the search functions to reveal limited,

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<sup>24</sup> See cases cited *supra* note 17; see also *Bill Graham Archives v. Dorling Kindersley Ltd.*, 448 F.3d 605, 613 (2d Cir. 2006) (“[C]opying the entirety of a work is sometimes necessary to make a fair use of the [work].”).

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1 important information about the books. With respect to the search function, Google satisfies the  
2 third factor test, as illuminated by the Supreme Court in *Campbell*.

3       (2) *Snippet View*. Google's provision of snippet view makes our third factor inquiry  
4 different from that inquiry in *HathiTrust*. What matters in such cases is not so much "the amount  
5 and substantiality of the portion used" *in making a copy*, but rather the amount and substantiality  
6 of *what is thereby made accessible* to a public for which it may serve as a competing substitute. In  
7 *HathiTrust*, notwithstanding the defendant's full-text copying, the search function revealed  
8 virtually nothing of the text of the originals to the public. Here, through the snippet view, more is  
9 revealed to searchers than in *HathiTrust*.

10       Without doubt, enabling searchers to see portions of the copied texts could have  
11 determinative effect on the fair use analysis. The larger the quantity of the copyrighted text the  
12 searcher can see and the more control the searcher can exercise over what part of the text she  
13 sees, the greater the likelihood that those revelations could serve her as an effective, free  
14 substitute for the purchase of the plaintiff's book. We nonetheless conclude that, at least as  
15 presently structured by Google, the snippet view does not reveal matter that offers the  
16 marketplace a significantly competing substitute for the copyrighted work.

17       Google has constructed the snippet feature in a manner that substantially protects against  
18 its serving as an effectively competing substitute for Plaintiffs' books. In the Background section  
19 of this opinion, we describe a variety of limitations Google imposes on the snippet function.  
20 These include the small size of the snippets (normally one eighth of a page), the blacklisting of  
21 one snippet per page and of one page in every ten, the fact that no more than three snippets are

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1 shown—and no more than one per page—for each term searched, and the fact that the same  
2 snippets are shown for a searched term no matter how many times, or from how many different  
3 computers, the term is searched. In addition, Google does not provide snippet view for types of  
4 books, such as dictionaries and cookbooks, for which viewing a small segment is likely to satisfy  
5 the searcher's need. The result of these restrictions is, so far as the record demonstrates, that a  
6 searcher cannot succeed, even after long extended effort to multiply what can be revealed, in  
7 revealing through a snippet search what could usefully serve as a competing substitute for the  
8 original.

9         The blacklisting, which permanently blocks about 22% of a book's text from snippet  
10 view, is by no means the most important of the obstacles Google has designed. While it is true  
11 that the blacklisting of 22% leaves 78% of a book *theoretically* accessible to a searcher, it does  
12 not follow that any large part of that 78% is in fact accessible. The other restrictions built into the  
13 program work together to ensure that, even after protracted effort over a substantial period of  
14 time, only small and randomly scattered portions of a book will be accessible. In an effort to  
15 show what large portions of text searchers can read through persistently augmented snippet  
16 searches, Plaintiffs' counsel employed researchers over a period of weeks to do multiple word  
17 searches on Plaintiffs' books. In no case were they able to access as much as 16% of the text, and  
18 the snippets collected were usually not sequential but scattered randomly throughout the book.  
19 Because Google's snippets are arbitrarily and uniformly divided by lines of text, and not by  
20 complete sentences, paragraphs, or any measure dictated by content, a searcher would have great  
21 difficulty constructing a search so as to provide any extensive information about the book's use

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1 of that term. As snippet view never reveals more than one snippet per page in response to  
2 repeated searches for the same term, it is at least difficult, and often impossible, for a searcher to  
3 gain access to more than a single snippet's worth of an extended, continuous discussion of the  
4 term.

5 The fact that Plaintiffs' searchers managed to reveal nearly 16% of the text of Plaintiffs'  
6 books overstates the degree to which snippet view can provide a meaningful substitute. At least  
7 as important as the percentage of words of a book that are revealed is the manner and order in  
8 which they are revealed. Even if the search function revealed 100% of the words of the  
9 copyrighted book, this would be of little substitutive value if the words were revealed in  
10 alphabetical order, or any order other than the order they follow in the original book. It cannot be  
11 said that a revelation is "substantial" in the sense intended by the statute's third factor if the  
12 revelation is in a form that communicates little of the sense of the original. The fragmentary and  
13 scattered nature of the snippets revealed, even after a determined, assiduous, time-consuming  
14 search, results in a revelation that is not "substantial," even if it includes an aggregate 16% of the  
15 text of the book. If snippet view could be used to reveal a coherent block amounting to 16% of a  
16 book, that would raise a very different question beyond the scope of our inquiry.

17 *D. Factor Four*

18 The fourth fair use factor, "the effect of the [copying] use upon the potential market for  
19 or value of the copyrighted work," focuses on whether the copy brings to the marketplace a  
20 competing substitute for the original, or its derivative, so as to deprive the rights holder of  
21 significant revenues because of the likelihood that potential purchasers may opt to acquire the

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1 copy in preference to the original. Because copyright is a commercial doctrine whose objective is  
2 to stimulate creativity among potential authors by enabling them to earn money from their  
3 creations, the fourth factor is of great importance in making a fair use assessment. *See Harper &*  
4 *Row*, 471 U.S. at 566 (describing the fourth factor as “undoubtedly the single most important  
5 element of fair use”).

6         *Campbell* stressed the close linkage between the first and fourth factors, in that the more  
7 the copying is done to achieve a purpose that differs from the purpose of the original, the less  
8 likely it is that the copy will serve as a satisfactory substitute for the original. 510 U.S. at 591.  
9 Consistent with that observation, the *HathiTrust* court found that the fourth factor favored the  
10 defendant and supported a finding of fair use because the ability to search the text of the book to  
11 determine whether it includes selected words “does not serve as a substitute for the books that are  
12 being searched.” 755 F.3d at 100.

13         However, *Campbell*’s observation as to the likelihood of a secondary use serving as an  
14 effective substitute goes only so far. Even if the *purpose* of the copying is for a valuably  
15 transformative purpose, such copying might nonetheless harm the value of the copyrighted  
16 original if done in a manner that results in widespread revelation of sufficiently significant  
17 portions of the original as to make available a significantly competing substitute. The question  
18 for us is whether snippet view, notwithstanding its transformative purpose, does that. We  
19 conclude that, at least as snippet view is presently constructed, it does not.

20         Especially in view of the fact that the normal purchase price of a book is relatively low in  
21 relation to the cost of manpower needed to secure an arbitrary assortment of randomly scattered

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1 snippets, we conclude that the snippet function does not give searchers access to effectively  
2 competing substitutes. Snippet view, at best and after a large commitment of manpower,  
3 produces discontinuous, tiny fragments, amounting in the aggregate to no more than 16% of a  
4 book. This does not threaten the rights holders with any significant harm to the value of their  
5 copyrights or diminish their harvest of copyright revenue.

6 We recognize that the snippet function can cause *some* loss of sales. There are surely  
7 instances in which a searcher's need for access to a text will be satisfied by the snippet view,  
8 resulting in either the loss of a sale to that searcher, or reduction of demand on libraries for that  
9 title, which might have resulted in libraries purchasing additional copies. But the possibility, or  
10 even the probability or certainty, of some loss of sales does not suffice to make the copy an  
11 effectively competing substitute that would tilt the weighty fourth factor in favor of the rights  
12 holder in the original. There must be a meaningful or significant effect "upon the potential  
13 market for or value of the copyrighted work." 17 U.S.C. § 107(4).

14 Furthermore, the type of loss of sale envisioned above will generally occur in relation to  
15 interests that are not protected by the copyright. A snippet's capacity to satisfy a searcher's need  
16 for access to a copyrighted book will at times be because the snippet conveys a historical fact  
17 that the searcher needs to ascertain. For example, a student writing a paper on Franklin D.  
18 Roosevelt might need to learn the year Roosevelt was stricken with polio. By entering  
19 "Roosevelt polio" in a Google Books search, the student would be taken to (among numerous  
20 sites) a snippet from page 31 of Richard Thayer Goldberg's *The Making of Franklin D.*  
21 *Roosevelt* (1981), telling that the polio attack occurred in 1921. This would satisfy the searcher's

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1 need for the book, eliminating any need to purchase it or acquire it from a library. But what the  
2 searcher derived from the snippet was a historical fact. Author Goldberg's copyright does not  
3 extend to the facts communicated by his book. It protects only the author's manner of  
4 expression. *Hoehling v. Universal City Studios, Inc.*, 618 F.2d 972, 974 (2d Cir. 1980) ("A grant of  
5 copyright in a published work secures for its author a limited monopoly over the *expression* it  
6 contains.") (emphasis added). Google would be entitled, without infringement of Goldberg's  
7 copyright, to answer the student's query about the year Roosevelt was afflicted, taking the  
8 information from Goldberg's book. The fact that, in the case of the student's snippet search, the  
9 information came embedded in three lines of Goldberg's writing, which were superfluous to the  
10 searcher's needs, would not change the taking of an unprotected fact into a copyright  
11 infringement.

12 Even if the snippet reveals some authorial expression, because of the brevity of a single  
13 snippet and the cumbersome, disjointed, and incomplete nature of the aggregation of snippets  
14 made available through snippet view, we think it would be a rare case in which the searcher's  
15 interest *in the protected aspect* of the author's work would be satisfied by what is available from  
16 snippet view, and rarer still—because of the cumbersome, disjointed, and incomplete nature of the  
17 aggregation of snippets made available through snippet view—that snippet view could provide a  
18 significant substitute for the purchase of the author's book.

19 Accordingly, considering the four fair use factors in light of the goals of copyright, we  
20 conclude that Google's making of a complete digital copy of Plaintiffs' works for the purpose of

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1 providing the public with its search and snippet view functions (at least as snippet view is  
2 presently designed) is a fair use and does not infringe Plaintiffs' copyrights in their books.

3 III. Derivative Rights in Search and Snippet View

4 Plaintiffs next contend that, under Section 106(2), they have a derivative right in the  
5 application of search and snippet view functions to their works, and that Google has usurped  
6 their exclusive market for such derivatives.

7 There is no merit to this argument. As explained above, Google does not infringe  
8 Plaintiffs' copyright in their works by making digital copies of them, where the copies are used  
9 to enable the public to get information about the works, such as whether, and how often they use  
10 specified words or terms (together with peripheral snippets of text, sufficient to show the context  
11 in which the word is used but too small to provide a meaningful substitute for the work's  
12 copyrighted expression). The copyright resulting from the Plaintiffs' authorship of their works  
13 does not include an exclusive right to furnish the kind of information about the works that  
14 Google's programs provide to the public. For substantially the same reasons, the copyright that  
15 protects Plaintiffs' works does not include an exclusive derivative right to supply such  
16 information through query of a digitized copy.

17 The extension of copyright protection beyond the copying of the work in its original form  
18 to cover also the copying of a derivative reflects a clear and logical policy choice. An author's right  
19 to control and profit from the dissemination of her work ought not to be evaded by conversion of  
20 the work into a different form. The author of a book written in English should be entitled to control  
21 also the dissemination of the same book translated into other languages, or a conversion of the

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1 book into a film. The copyright of a composer of a symphony or song should cover also  
2 conversions of the piece into scores for different instrumentation, as well as into recordings of  
3 performances.

4 This policy is reflected in the statutory definition, which explains the scope of the  
5 “derivative” largely by examples—including “a translation, musical arrangement, dramatization,  
6 fictionalization, motion picture version, sound recording, art reproduction, abridgement, [or]  
7 condensation”—before adding, “or any other form in which a work may be recast, transformed,  
8 or adapted.” 17 U.S.C. § 101.<sup>25</sup> As noted above, this definition, while imprecise, strongly  
9 implies that derivative works over which the author of the original enjoys exclusive rights  
10 ordinarily are those that re-present the protected aspects of the original work, *i.e.*, its expressive  
11 content, converted into an altered form, such as the conversion of a novel into a film, the  
12 translation of a writing into a different language, the reproduction of a painting in the form of a  
13 poster or post card, recreation of a cartoon character in the form of a three-dimensional plush toy,  
14 adaptation of a musical composition for different instruments, or other similar conversions. If  
15 Plaintiffs’ claim were based on Google’s converting their books into a digitized form and making  
16 that digitized version accessible to the public, their claim would be strong. But as noted above,  
17 Google safeguards from public view the digitized copies it makes and allows access only to the  
18 extent of permitting the public to search for the very limited information accessible through the  
19 search function and snippet view. The program does not allow access in any substantial way to a  
20 book’s expressive content. Nothing in the statutory definition of a derivative work, or of the

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<sup>25</sup> The complete text is set forth at footnote 15, *supra*.

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1 logic that underlies it, suggests that the author of an original work enjoys an exclusive derivative  
2 right to supply information about that work of the sort communicated by Google's search  
3 functions.

4 Plaintiffs seek to support their derivative claim by a showing that there exist, or would  
5 have existed, paid licensing markets in digitized works, such as those provided by the Copyright  
6 Clearance Center or the previous, revenue-generating version of the Google Partners Program.  
7 Plaintiffs also point to the proposed settlement agreement rejected by the district court in this  
8 case, according to which Google would have paid authors for its use of digitized copies of their  
9 works. The existence or potential existence of such paid licensing schemes does not support  
10 Plaintiffs' derivative argument. The access to the expressive content of the original that is or  
11 would have been provided by the paid licensing arrangements Plaintiffs cite is far more extensive  
12 than that which Google's search and snippet view functions provide. Those arrangements allow  
13 or would have allowed public users to read substantial portions of the book. Such access would  
14 most likely constitute copyright infringement if not licensed by the rights holders. Accordingly,  
15 such arrangements have no bearing on Google's present programs, which, in a non-infringing  
16 manner, allow the public to obtain limited data about the contents of the book, without allowing  
17 any substantial reading of its text.

18 Plaintiffs also seek to support their derivative claim by a showing that there is a current  
19 *unpaid* market in licenses for partial viewing of digitized books, such as the licenses that  
20 publishers currently grant to the Google Partners program and Amazon's Search Inside the Book  
21 program to display substantial portions of their books. Plaintiffs rely on *Infinity Broadcast*

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1     *Corporation v. Kirkwood*, 150 F.3d 104 (2nd Cir. 1998) and *United States v. American Society of*  
2     *Composers, Authors and Publishers (ASCAP)*, 599 F. Supp. 2d 415 (S.D.N.Y. 2009) for the  
3     proposition that “a secondary use that replaces a comparable service licensed by the copyright  
4     holder, even without charge, may cause market harm.” Pls.’ Br. at 51. In the cases cited,  
5     however, the purpose of the challenged secondary uses was not the dissemination of information  
6     about the original works, which falls outside the protection of the copyright, but was rather the  
7     re-transmission, or re-dissemination, of their expressive content. Those precedents do not support  
8     the proposition Plaintiffs assert—namely that the availability of licenses for providing  
9     unprotected information about a copyrighted work, or supplying unprotected services related to  
10    it, gives the copyright holder the right to exclude others from providing such information or  
11    services.

12           While the telephone ringtones at issue in the *ASCAP* case Plaintiffs cite are superficially  
13    comparable to Google’s snippets in that both consist of brief segments of the copyrighted work,  
14    in a more significant way they are fundamentally different. While it is true that Google’s snippets  
15    display a fragment of expressive content, the fragments it displays result from the appearance of  
16    the term selected by the searcher in an otherwise arbitrarily selected snippet of text. Unlike the  
17    reading experience that the Google Partners program or the Amazon Search Inside the Book  
18    program provides, the snippet function does not provide searchers with any meaningful  
19    experience of the expressive content of the book. Its purpose is not to communicate copyrighted  
20    expression, but rather, by revealing to the searcher a tiny segment surrounding the searched term,  
21    to give some minimal contextual information to help the searcher learn whether the book’s use of

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1 that term will be of interest to her. The segments taken from copyrighted music as ringtones, in  
2 contrast, are selected precisely because they play the most famous, beloved passages of the  
3 particular piece—the expressive content that members of the public want to hear when their  
4 phone rings. The value of the ringtone to the purchaser is not that it provides information but that  
5 it provides a mini-performance of the most appealing segment of the author's expressive content.  
6 There is no reason to think the courts in the cited cases would have come to the same conclusion  
7 if the service being provided by the secondary user had been simply to identify to a subscriber in  
8 what key a selected composition was written, the year it was written, or the name of the  
9 composer. These cases, and the existence of unpaid licensing schemes for substantial viewing of  
10 digitized works, do not support Plaintiffs' derivative works argument.

11                   IV. Plaintiffs' Exposure to Risks of Hacking of Google's Files

12       Plaintiffs argue that Google's storage of its digitized copies of Plaintiffs' books exposes  
13 them to the risk that hackers might gain access and make the books widely available, thus  
14 destroying the value of their copyrights. Unlike the Plaintiffs' argument just considered based on  
15 a supposed derivative right to supply information about their books, this claim has a reasonable  
16 theoretical basis. If, in the course of making an arguable fair use of a copyrighted work, a  
17 secondary user unreasonably exposed the rights holder to destruction of the value of the copyright  
18 resulting from the public's opportunity to employ the secondary use as a substitute for purchase of  
19 the original (even though this was not the intent of the secondary user), this might well furnish a  
20 substantial rebuttal to the secondary user's claim of fair use. For this reason, the *Arriba Soft* and  
21 *Perfect 10* courts, in upholding the secondary user's claim of fair use, observed that thumbnail

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1 images, which transformatively provided an Internet pathway to the original images, were of  
2 sufficiently low resolution that they were not usable as effective substitutes for the originals.  
3 *Arriba Soft*, 336 F.3d 811 at 819; *Perfect 10*, 508 F.3d at 1165.

4 While Plaintiffs' claim is theoretically sound, it is not supported by the evidence. In  
5 *HathiTrust*, we faced substantially the same exposure-to-piracy argument. The record in  
6 *HathiTrust*, however, "document[ed] the extensive security measures [the secondary user] ha[d]  
7 undertaken to safeguard against the risk of a data breach," evidence which was unrebutted. 755  
8 F.3d at 100. The *HathiTrust* court thus found "no basis . . . on which to conclude that a security  
9 breach is likely to occur, much less one that would result in the public release of the specific  
10 copyrighted works belonging to any of the plaintiffs in this case." *Id.* at 100-101 (citing *Clapper v.*  
11 *Amnesty Int'l USA*, 133 S.Ct. 1138, 1143 (2013) (finding that risk of future harm must be  
12 "certainly impending," rather than merely "conjectural" or "hypothetical," to constitute a  
13 cognizable injury-in-fact), and *Sony Corp.*, 464 U.S. at 453–454 (concluding that time-shifting  
14 using a Betamax is fair use because the copyright owners' "prediction that live television or movie  
15 audiences will decrease" was merely "speculative")).

16 Google has documented that Google Books' digital scans are stored on computers walled  
17 off from public Internet access and protected by the same impressive security measures used by  
18 Google to guard its own confidential information. As Google notes, Plaintiffs' own security  
19 expert praised these security systems, remarking that "Google is fortunate to have ample  
20 resources and top-notch technical talents" that enable it to protect its data. JA 1558, 1570. Nor  
21 have Plaintiffs identified any thefts from Google Books (or from the Google Library Project).

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1 Plaintiffs seek to rebut this record by quoting from Google's July 2012 SEC filing, in which the  
2 company made legally required disclosure of its potential market risks.<sup>26</sup> Google's prudent  
3 acknowledgment that "security breaches could expose [it] to a risk of loss . . . due to the actions  
4 of outside parties, employee error, malfeasance, or otherwise," however, falls far short of  
5 rebutting Google's demonstration of the effective measures it takes to guard against piratical  
6 hacking. Google has made a sufficient showing of protection of its digitized copies of Plaintiffs'  
7 works to carry its burden on this aspect of its claim of fair use and thus to shift to Plaintiffs the  
8 burden of rebutting Google's showing. Plaintiffs' effort to do so falls far short.

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<sup>26</sup> The filing includes the following disclosure:

Our products and services involve the storage and transmission of users' and customers' proprietary information, and security breaches could expose us to a risk of loss of this information, litigation, and potential liability. Our security measures may be breached due to the actions of outside parties, employee error, malfeasance, or otherwise, and, as a result, an unauthorized party may obtain access to our data or our users' or customers' data. Additionally, outside parties may attempt to fraudulently induce employees, users, or customers to disclose sensitive information in order to gain access to our data or our users' or customers' data. Any such breach or unauthorized access could result in significant legal and financial exposure, damage to our reputation, and a loss of confidence in the security of our products and services that could potentially have an adverse effect on our business. Because the techniques used to obtain unauthorized access, disable or degrade service, or sabotage systems change frequently and often are not recognized until launched against a target, we may be unable to anticipate these techniques or to implement adequate preventative measures. If an actual or perceived breach of our security occurs, the market perception of the effectiveness of our security measures could be harmed and we could lose users and customers.

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1                   V. Google's Distribution of Digital Copies to Participant Libraries

2                 Finally, Plaintiffs contend that Google's distribution to a participating library of a digital  
3         copy of Plaintiffs' books is not a fair use and exposes the Plaintiffs to risks of loss if the library  
4         uses its digital copy in an infringing manner, or if the library fails to maintain security over its  
5         digital copy with the consequence that the book may become freely available as a result of the  
6         incursions of hackers. The claim fails.

7                 Although Plaintiffs describe the arrangement between Google and the libraries in more  
8         nefarious terms, those arrangements are essentially that each participant library has contracted  
9         with Google that Google will create for it a digital copy of each book the library submits to  
10        Google, so as to permit the library to use its digital copy in a non-infringing fair use manner. The  
11        libraries propose to use their digital copies to enable the very kinds of searches that we here hold  
12        to be fair uses in connection with Google's offer of such searches to the Internet public, and  
13        which we held in *HathiTrust* to be fair uses when offered by HathiTrust to its users. The contract  
14        between Google and each of the participating libraries commits the library to use its digital copy  
15        only in a manner consistent with the copyright law, and to take precautions to prevent  
16        dissemination of their digital copies to the public at large.

17               In these circumstances, Google's creation for each library of a digital copy of that  
18        library's already owned book in order to permit that library to make fair use through provision of  
19        digital searches is not an infringement. If the library had created its own digital copy to enable its  
20        provision of fair use digital searches, the making of the digital copy would not have been  
21        infringement. Nor does it become an infringement because, instead of making its own digital

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1 copy, the library contracted with Google that Google would use its expertise and resources to  
2 make the digital conversion for the library's benefit.

3 We recognize the possibility that libraries may use the digital copies Google created for  
4 them in an infringing manner. If they do, such libraries may be liable to Plaintiffs for their  
5 infringement. It is also possible that, in such a suit, Plaintiffs might adduce evidence that Google  
6 was aware of or encouraged such infringing practices, in which case Google could be liable as a  
7 contributory infringer. But on the present record, the possibility that libraries may misuse their  
8 digital copies is sheer speculation. Nor is there any basis on the present record to hold Google  
9 liable as a contributory infringer based on the mere speculative possibility that libraries, in  
10 addition to, or instead of, using their digital copies of Plaintiffs' books in a non-infringing  
11 manner, may use them in an infringing manner.

12 We recognize the additional possibility that the libraries might incur liability by negligent  
13 mishandling of, and failure to protect, their digital copies, leaving them unreasonably vulnerable  
14 to hacking. That also, however, is nothing more than a speculative possibility. There is no basis  
15 in the record to impose liability on Google for having lawfully made a digital copy for a  
16 participating library so as to enable that library to make non-infringing use of its copy, merely  
17 because of the speculative possibility that the library may fail to guard sufficiently against the  
18 dangers of hacking, as it is contractually obligated to do. Plaintiffs have failed to establish any

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1 basis for holding Google liable for its creation of a digital copy of a book submitted to it by a  
2 participating library so as to enable that library to make fair use of it.<sup>27</sup>

3 In sum, we conclude that: (1) Google's unauthorized digitizing of copyright-protected  
4 works, creation of a search functionality, and display of snippets from those works are  
5 non-infringing fair uses. The purpose of the copying is highly transformative, the public display of  
6 text is limited, and the revelations do not provide a significant market substitute for the protected  
7 aspects of the originals. Google's commercial nature and profit motivation do not justify denial of  
8 fair use. (2) Google's provision of digitized copies to the libraries that supplied the books, on the  
9 understanding that the libraries will use the copies in a manner consistent with the copyright law,  
10 also does not constitute infringement. Nor, on this record, is Google a contributory infringer.

11 **CONCLUSION**

12 The judgment of the district court is **AFFIRMED**.

13

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<sup>27</sup> We have considered Plaintiffs' other contentions not directly addressed in this opinion and find them without merit.

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## APPENDIX A

**Books** Add to my library Write review

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**GET PRINT BOOK**

No eBook available

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1950), stated that such activity could not be considered a **fair use**. Moreover, the court assigned the "apparent lack of independent research" as an additional reason for refusing to honor defendant's **fair use** claim. With this conclusion we disagree as a matter of law.

In *Toksvig v. Bruce Publishing Co.*, *supra*, the Seventh Circuit affirmed the grant of an injunction, in favor of an author who had written a careful biography of Hans Christian Andersen based on exhaustive research into Danish sources.

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standards for applying the **fair use** defense in parody cases, like the standards

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456                   RIGHTS, LIMITATIONS AND REMEDIES

a finding of **fair use**, and that "all four factors [in § 107] must be considered

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